

2020 EDITION



# APPLECROSS

SENIOR HIGH SCHOOL  
INDEPENDENT PUBLIC SCHOOL

Curriculum Handbook

YEAR | 10

Achieve

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## Compulsory Subjects

Subject	Number of Hours
English	4 hours per week for the year
Mathematics	4 hours per week for the year
Science	4 hours per week for the year
Humanities and Social Sciences	4 hours per week for the year
Health Education	1 hour per week for the year
Physical Education or Specialist Tennis or AXSELL Sports Science	2 hours per week for the year (4 hours per week for Special Tennis and AXSELL Sports Science)
<b>Total Compulsory Subjects</b>	<b>19 hours per week</b>
The Arts Health & Physical Education Humanities and Social Sciences Languages Science Technologies	6 hours per week from any of the learning areas listed to the left
<b>Overall Total</b>	<b>25 hours per week</b>

### Note

Some courses in Year 10 are year-long (10MUS, 10OED, AXSELL, 10ACC, 10VET, 10FRE, 10JP, 10MSL and 10STE).

**Specialist Tennis and AXSELL Sports Science students** will have two electives at 4 hours/week for the year and do not study Physical Education (10PES).

**Music** students must select the Class Music course.

**List of Proposed Excursions** – A list will be available for all subjects from 1 December the year preceding studies. This will be available under the 'Back to School' tab on the school website.

**All course costs are given as a guide only. These are based on the 2019 pricing structures and are subject to change in 2020.**

## The Arts

### Music

**The Music program is a three-part package, which consists of:**

- Class Music elective
- Instrumental lessons
- Ensemble membership

**An important definition:**

Instrumental Music School Services (IMSS) is the Department of Education's instrumental lesson program available in most government schools throughout Western Australia. You may know of it as 'SIM' or 'SIMS'.

#### ELIGIBILITY FOR THE MUSIC PROGRAM

There are two ways to be eligible for Music at Applecross Senior High School:

- Continue your IMSS instrument
- Continue a privately taught instrument – please see Ensembles list below.

Please note these matters of Instrumental Music School Services policy:

1. IMSS does not normally allow students to change instruments.
2. Privately taught students are not normally permitted to enter the IMSS Program.

#### ENSEMBLES

Year 10 students mostly participate in the following ensembles:

- Concert Band 1 (flute, clarinet, saxophone, trumpet, trombone, euphonium & percussion)
- Scimitar String Orchestra (violin, viola, cello & double bass)
- Senior Guitar Ensemble (for classical guitar only)
- Chamber Choir (for all vocal students from Year 7-12...other keen Music students are also welcome)

Each year, auditions are held so that students are able to progress to the senior ensembles (Concert Band 1, Scimitar String Orchestra and Senior Guitar Ensemble). The auditions assess the student's capacity to play at the appropriate technical level for these ensembles. Information about auditions is made available by newsletters and Connect notices.

#### PERFORMANCES

Typically, Year 10 students perform in four events each year:

- Term One *Senior Concerts*
- Term Three *WA Schools' Festivals*
- Term Three *Spring Concerts*
- Term Four *'Under the Stars' Picnic Concert* (all ensembles)

### Class, Instrumental and Ensemble Music - 10MUS & 10MUSB (Year-long course)

Class Music is designed for students to develop skills that are vital to successful instrumental and ensemble performances. In this course, students will develop skills in listening awareness (aural perception) and basic music knowledge (theory). They will also express themselves through composition and arrangement activities, as well as gaining an understanding of what makes us listen to, and enjoy music of different eras, cultures and styles (Music in Society). Practical music-making activities are a small but regular component of this course.

Based on 2019 course costs, the course fee should be approximately \$90.00.

**Additional costs:**

1. IMSS students who are eligible to hire an instrument will have to pay an annual fee. In 2019 this was \$170.00
2. Students in the ensembles listed above participate in the Term One *Senior Ensembles Rehearsal Camp and Primary Schools Concert Tour*. The cost of this excursion in 2019 was \$250.00.

**Special Conditions: Completion of courses 9MUS and 9MUSB is a prerequisite for studying this Year 10 music course. If these courses have not been completed, an interview with the Head of Music is required. Students must learn a musical instrument at school or privately.**

## Visual Arts

### Special Art – Digital Studies and Contemporary Australian Art Studies - 10SPA (Semester 1)

Students explore how classical art skills & techniques (drawing, painting etc.) can be combined with digital technology. Students will investigate the scope of digital media as a tool to develop artwork for a new era, making use of the computer (WACOM & ADOBE), camera (still & video), and smart devices to produce innovative artwork. They will develop Arts Language specific to Digital Art; an understanding of the conventions of Digital Art; and, an appreciation for the role of Digital Art in the history of human development. Students will produce at least one major work for display.

Based on 2019 course costs, the course fee should be approximately \$65.

### Special Art – Digital Studies – 10SPAB (Semester 2)

Semester Two studies will follow on directly from Digital Studies. In this course we will examine a selection of contemporary artwork produced by Australian artists in the previous thirty to forty years. Students will develop research techniques, Art Language, discover the methods used to analyse artworks, and discuss the way artwork is informed by social, cultural, historical and political contexts. The course will provide students with an informal, but comprehensive background in Australian Art History studies as a prelude to further study in the Visual Arts. Students will also explore the style, subject matter, and techniques employed by a variety of artists as they will be required to reference this in their own art making. Students will produce at least one work for display.

Based on 2019 course costs, the course fee should be approximately \$65.

**NOTE: This course is available only to selected Gifted & Talented Visual Art students. Please note that an additional Special Art charge applies for Saturday morning costs, this costing in 2019 was \$380.**

### Photography – 10PHO (Semester 1)

Students will be introduced to creative digital techniques, special creative filtering and design techniques which will enable them to experiment and explore these in order to put together an exciting portfolio of work. Students will use Photo Shop software which will provide them with good preparation for Design-Photography in Years 11 and 12. Students study the work of contemporary photographers, B&W format and begin studio lighting techniques.

Based on 2019 course costs, the course fee should be approximately \$65.

### Photography – 10PHOB (Semester 2)

Students continue their investigation of creative digital techniques, as they build on a portfolio of work. Students also practice design planning and working to the brief of a client - providing them with good preparation for Design thinking in Years 11 and 12. Students also prepare works for exhibit in the end of year exhibition.

Based on 2019 course costs, the course fee should be approximately \$65.

**NOTE: The content for this course will be unique and different to Semester One.**

### Design – 10DES (Semester 1)

In 10DES, students will learn how to develop artistic (traditional and digital) skills using industry standard design software such as Adobe Photoshop, Illustrator and InDesign. Students will be introduced to the processes of design, creativity, problem solving and gain a deeper understanding of how design works, and how beliefs, values, attitudes, messages and information are effectively communicated. Students will be given the opportunity to develop images (both photographic and illustrated) into computer-generated designs. Areas explored may include: Graphic Design, Photography, Digital Art, Image Manipulation and 2 Dimensional and Mixed media.

Based on 2019 course costs, the course fee should be approximately \$65.

### Design – 10DESB (Semester 2)

In 10DESB, students continue to develop artistic approaches (traditional and digital) in their investigation of creative digital techniques, and as they build on a portfolio of work. Students also practice design planning and working to the brief of a client - providing them with good preparation for Design thinking in Years 11 and 12. Students also prepare works for exhibit in the end of year exhibition. Areas explored may include: Graphic Design, Digital Painting, Image Manipulation and 2 Dimensional / Mixed media.

Based on 2019 course costs, the course fee should be approximately \$65.

**NOTE: The content for this course will be unique and different to Semester One.**

**Media – 10MED (Semester 1)**

Students are provided with opportunities to explore in more depth the way media work is constructed in different contexts and how it can be used to challenge the values of an audience. They continue to make and respond to their own media productions and professional media work within the selected media type, genre or style studied, using refined media production skills and processes: problem solving, working as a team, or independently; setting and following personal and group timelines; and independently using media equipment creatively and responsibly. Media foci are: Media and Media Non-Fiction. Students are expected to work within, or across, the following media in each year level: film, television, photography, print media, radio or online media.

Based on 2019 course costs, the course fee should be approximately \$65.

**Media – 10MEDB (Semester 2)**

Students continue exploring different contexts of Media and how it can be used to challenge the values of an audience. A greater focus is applied to students' own media productions and professional media work within the selected media type, genre or style studied, using refined media production skills and processes: problem solving, working independently; setting and following personal timelines; and independently using media equipment creatively and responsibly. Media foci are: Media Non-Fiction. Students are expected to work within, or across, the following media in each year level: film, television, photography, and online media.

Based on 2019 course costs, the course fee should be approximately \$65.

**NOTE: The content for this course will be unique and different to Semester One.**

**Visual Art –10ART (Semester 1)**

In Visual Art students make resolved artworks in either 2D or 3D. They further develop and refine their ideas and techniques to resolve artwork by documenting the design, production and evaluation processes of their artwork. Students develop greater understanding of how contexts of culture, time and place impact on the development of ideas and production of art forms in the artistic process. Art forms may include: painting, printmaking, drawing, textiles, and or ceramics. Art styles studied may include: Realism, Dadaism, Surrealism, & other genres of early Modernism.

Based on 2019 course costs, the course fee should be approximately \$65.

**Visual Art –10ARTB (Semester 2)**

In Visual Art students make resolved artworks in either 2D, 3D or 4D (Time Based Art). They further develop and refine their ideas and techniques to resolve artwork by documenting the design, production and evaluation processes of their artwork. Students develop greater understanding of how contexts of culture, time and place impact on the development of ideas and production of art forms in the artistic process. Art forms may include: drawing, photo and digital media, graphics, collage, sculpture, installations, textiles, performance art, time-based video & digital animation. Art styles studied may include: contemporary Australian art; Postmodernism and international art.

Based on 2019 course costs, the course fee should be approximately \$65.

**NOTE: The content for this course will be unique and different to Semester One.**

**History of Design – 10HART (Semester 1 or 2)**

Students will study the History of Design beginning in 1850 with the building of the great Crystal Palace in Hyde Park Exhibition Hall by Prince Albert. It was said to have housed some of the ugliest artefacts ever created. Thank goodness for William Morris.

Based on 2019 course costs, the course fee should be approximately \$10.

## Dance

### Dance – 10DAN (Semester 1)

Dance embodies our ideas, thoughts, emotions and values and provides a unique opportunity to develop physically, creatively, aesthetically, emotionally and intellectually. The Dance course at Applecross SHS, develops and presents ideas through a variety of genres, styles and forms, as it provides a unique way in which to express our cultural views and understanding of the world. Students will gain an understanding of the physical competencies specific to dance, reflect on, respond to, and evaluate how dance styles and forms are historically derived and culturally valued. 10DAN extends the student's repertoire of skills and technique in Jazz, Hip-Hop and Contemporary styles.

Based on 2019 course costs, the course fee should be approximately \$75.

### Dance – 10DANB (Semester 2)

Through participation in the DANB course, students develop transferable skills including communication skills, collaborative teamwork skills, negotiation and conflict resolution skills, problem solving skills as well as the ability to organize, analyse and evaluate. Participation in this subject may lead to opportunities for future study in dance or related arts fields. All levels will be catered for, with the emphasis being on the skills and processes of composition and choreography. 10DANB continues to develop the student's repertoire of skills and technique in Jazz, Hip-Hop and Contemporary styles.

Based on 2019 course costs, the course fee should be approximately \$75.

**NOTE: The content for this course will be unique and different to Semester One.**

## Drama

### Drama – 10DRA (Semester 1)

Students who participate in drama develop important skills used when called upon to present or perform in many contexts. In 10DRA, students are given the opportunity to develop their knowledge and skills in contemporary drama forms and styles. Students focus on performance and production roles as the class works on a group devised and scripted theatre production to be performed for a live audience. Students are offered opportunities to view theatre productions in both semesters. A background in drama and production is an asset in school and in further study as oral or group assessments which require skills that can be learned in this subject are used in many programs. Students also gain significant enjoyment and self-development from drama and production.

Based on 2019 course costs, this course fee should be approximately \$60.

### Drama – 10DRAB (Semester 2)

The 10DRAB subject continues a substantial introduction to Year 11 ATAR and General Drama Course concepts. Students demonstrate awareness in performance of drama forms and styles, spaces of performance and design and technologies to communicate dramatic meaning and to impact an audience. Students are also given the opportunity to develop their knowledge and skills in contemporary drama forms and styles. Students focus on performance and production roles as the class works on a group devised and scripted theatre production to be performed for a live audience. Students are offered opportunities to view theatre productions in both semesters.

**NOTE: The nature of Drama courses requires a commitment to extra-curricular rehearsal and performance schedules. These times and dates will be published in advance.**

Based on 2019 course costs, this course fee should be approximately \$60.



## English

Students learn about the English language and how to use it effectively. The study of English plays a vital role in the development of literacy, enhances students' learning in all areas of the curriculum and provides them with the communication skills and critical understanding of language necessary for active participation in society. Students will study the Australian Curriculum English Course. All students study the same course at different levels. The academic classes explore a wider range of more difficult texts. Creativity, critical thinking, Grammar and English skills of communication are the basis of all courses. Wide reading is encouraged through all courses to improve literacy.

### English – 10ENG

Students study a general course of English focusing on Language, Literacy and Literature. An important feature of this course is that it is designed to introduce students to the key concepts contained within the ATAR English course. Reading and grammatical skills continue to be developed. Reflection on texts, their key issues and underlying concepts through writing journals is also an ongoing part of the course. They will complete a formal 90-minute examination in Term Two.

In second semester students continue to be introduced to a number of key concepts such as context of production, perspectives and the representation of controversial ideas and topics. They complete analytical and critical essays in response to such concepts. They also develop their creative skills by writing in different forms. Their grammatical skills continue to be practised. Students will participate in regular common task assessments throughout the year. There is a directed shift in writing skills toward those necessary for the Year Eleven courses. Their final examination of 90-minutes in Term Four will simulate the rubric of that style of exam.

### Academic Extension – 10ENGE

In addition, the academic extension classes will explore a wide variety of advanced literary concepts, as an introduction to both the ATAR English and the English Literature curriculum. In Semester One, they will focus on the themes of Reality and Madness, examining the ways our exposure to literary and wider texts impacts our perceptions of the world around us. In this, they will be exposed to high order concepts, including literary criticism, psychoanalysis and contextual influences on literature. In Semester Two, students will focus on the themes of Fate, Free will and Resistance through the examination of both classical literature and contemporary persuasive and interpretive texts. This unit aims to explore how we use texts as tools of empowerment and vessels for understanding the world around us.

Furthermore, academic extension students will also undertake a year-long project in researching, drafting, editing and publishing a novella. This task allows students to experiment with their creative writing whilst learning invaluable skills in time management and collaboration when undertaking extended projects. Students will be encouraged to enter their novellas in the Somerset Novella Competition at the end of the year.

Based on 2019 course costs, this course should be approximately \$36

### English as an Additional Language/Dialect –10ESL

These courses are based on the Australian Curriculum English Course (see English courses for more details)

but are tailored to suit the needs of Non-English Speaking Background students who have been in Australia, or any English speaking country for fewer than three years. Some students who have been here longer may also be accepted into the courses if numbers permit. Entry to these courses is on approval from the EAL/D Teacher in Charge or the Lower School Deputy. In all EAL/D courses, students will demonstrate the skills through reading and viewing, speaking, listening and writing.

Based on 2019 course costs, this course fee should be approximately \$36

## Health and Physical Education

### Health Education – 10HED (Semester 1)

In this course, Year 10 students will explore the impact of social and cultural influences on personal identity, health, safety and wellbeing, including stereotypes and gender, diversity and cultural differences. They will analyse media messages about health and propose and evaluate interventions to improve individual and community health and wellbeing. Students will evaluate the impact of emotional responses on relationships and apply skills and strategies to promote respectful relationships. Students will also complete the Keys for Life Driver Education Program.

Based on 2019 course costs, this course fee should be approximately \$3.75

### Health Education – 10HEDB (Semester 2)

In this course, Year 10 students will explore the impact of social and cultural influences on personal identity, health, safety and wellbeing, including stereotypes and gender, diversity and cultural differences. They will analyse media messages about health and propose and evaluate interventions to improve individual and community health and wellbeing. Students will evaluate the impact of emotional responses on relationships and apply skills and strategies to promote respectful relationships. Students will also complete the Keys for Life Driver Education Program.

**NOTE: The content for this course will be unique and different to Semester One.**

Based on 2019 course costs, this course fee should be approximately \$3.75

### General Physical Education – 10PES (Semester 1)

Students will select, use and evaluate individual movement skills and sequences and implement tactics in a variety of the physical activity contexts. They will apply appropriate technique while performing skills that increase in complexity. Students will also develop ethical behavior in competitive contexts and apply skills and strategies to improve team performance. Over the course of Years 7-10 students will cover a broad range of sports developing fundamental movement skills, both land and water based.

Based on 2019 course costs, this course fee should be approximately \$9.25

### General Physical Education – 10PESB (Semester 2)

Students will select, use and evaluate individual movement skills and sequences and implement tactics in a variety of the physical activity contexts. They will apply appropriate technique while performing skills that increase in complexity. Students will also develop ethical behavior in competitive contexts and apply skills and strategies to improve team performance. Over the course of Years 7-10 students will cover a broad range of sports developing fundamental movement skills, both land and water based.

**NOTE: The content for this course will be unique and different to Semester One.**

Based on 2019 course costs, this course fee should be approximately \$9.25

**\*Please note - students in General Physical Education may only select one elective, either Outdoor Education or Physical Recreation – not both.**

### Outdoor Education – 10OED

This is a year-long course. In this course, students will participate in activities in both land and marine environments. They will develop both skills and a sense of responsibility and confidence through the pursuit of a range of activities which may include the following:

- Sailing
- Marine navigation introduction
- Inland navigation & Orienteering
- Survival swimming and basic rescue skills
- Paddle sports – Canoeing, kayaking and stand up paddle
- First Aid
- Snorkelling
- Camp Craft – bush cooking, tenting, backpacking
- Expedition planning and survival
- Intro to Recreational Skippers Ticket (WA power boating requirement)

**\*\*Special Conditions: Students must pass Bronze Medallion Swim Test (400m in 13 minutes) in year 9 to be eligible for Outdoor Education.**

**\*\*\*Outdoor Education is not available in Year 11 and 12.**

Based on 2019 course costs, this course fee should be approximately \$420

**Physical Recreation – 10PHR (Semester 1)**

Physical Recreation in Year 10 encourages students to self-assess their own and others' leadership styles and apply problem-solving approaches to increase motivation and participation and contribute to effective team relationships. Students also implement tactics appropriate to the physical activity context, including; Beach Volleyball, Squash, Ten Pin Bowling, Triathlon and Fitness. The program offers opportunities for students to develop, enhance and exhibit attitudes and values that promote a healthy lifestyle.

**\*\*Special Conditions: Students must be competent swimmers and have their own bike and helmet for cycling.**

Based on 2019 course costs, this course fee should be approximately \$167.50

**\*Please note – students may NOT select both Physical Recreation and Outdoor Education in Year 10.**

**Physical Recreation – 10PHRB (Semester 2)**

Physical Recreation in Year 10 encourages students to self-assess their own and others' leadership styles and apply problem-solving approaches to increase motivation and participation and contribute to effective team relationships. Students also implement tactics appropriate to the physical activity context, including; Beach Volleyball, Squash, Ten Pin Bowling, Triathlon and Fitness. The program offers opportunities for students to develop, enhance and exhibit attitudes and values that promote a healthy lifestyle.

**NOTE: The content for this course will be unique and different to Semester One.**

**\*\*Special Conditions: Students must be competent swimmers and have their own bike and helmet for cycling.**

Based on 2019 course costs, this course fee should be approximately \$167.50

**\*Please note – students may NOT select both Physical Recreation and Outdoor Education in Year 10.**

**Sports Science Acceleration Course - AXSELL**

This is a year-long course. Students with an aptitude for hard work, personal development and preparation for success in ATAR Physical Education Studies in Senior School are strongly encouraged to select this course. The course will focus on developing an understanding of theoretical sports science concepts through both practical and theoretical application of exercise physiology, motor learning and coaching, and biomechanical concepts.

Students will be assessed in four sporting contexts over the duration of the year in order to improve their physical literacy and prepare them for Senior School Practical examinations. The theoretical assessment weighting will be 50% and the practical assessment weighting will be 50%.

The AXSELL Program is a year-long course operating for four periods per week. It will involve three practical periods and one period of theory per week with a number of labs incorporated within the curriculum. Visits to Sports Science facilities and elite sporting precincts throughout Perth will be a feature of this course.

This course will provide an excellent grounding for those students continuing with ATAR Physical Education Studies in year 11.

**Students will be identified by their PE teacher in consultation with the Head of Learning Area to participate in this course. Students recommended for this course will receive an invitation to participate in Year 9 and will be required to complete a formal acceptance to commit to Year 10 course.**

Based on 2019 course costs, this course fee should be approximately \$100

Students in the AXSELL program will not be placed in General Physical Education. They may only choose either Outdoor Education or Physical Recreation if desired but not both.

### **Specialist Tennis - 10TEN (Semester 1)**

Students will study the Year 10 Sports Science Acceleration course. This course is part of the Specialist Tennis Program and will be delivered in a Tennis context. It will involve three practical tennis periods and one period of theory per week. This is a year-long course.

This course will focus on developing an understanding of theoretical sports science concepts through both practical and theoretical application of exercise physiology, motor learning, coaching, and biomechanics.

Students will continue to develop tennis skills through on court drills, match play, technique analysis, mental skills training as well as strength and conditioning.

This course will provide an excellent grounding for students continuing with ATAR Physical Education Studies in Year 11.

Based on 2019 course costs, this course fee should be approximately \$67.50

### **Specialist Tennis - 10TENB (Semester 2)**

Students will study the Year 10 Sports Science Acceleration course. This course is part of the Specialist Tennis Program and will be delivered in a Tennis context. It will involve three practical tennis periods and one period of theory per week.

This course will focus on developing an understanding of theoretical sports science concepts through both practical and theoretical application of exercise physiology, motor learning, coaching, and biomechanics.

Students will continue to develop tennis skills through on court drills, match play, technique analysis, mental skills training as well as strength and conditioning.

This course will provide an excellent grounding for students continuing with ATAR Physical Education Studies in Year 11.

**NOTE: The content for this course will be unique and different to Semester One.**

Based on 2019 course costs, this course fee should be approximately \$67.50

## Humanities and Social Sciences

### Year 10 HASS - 10HASS

In Year 10 Humanities and Social Sciences consists of Civics and Citizenship, Economics and Business, Geography and History.

- Environmental Change – Rivers
- Shaping the modern world WWI
- Measuring Australia's economic performance
- Global Wellbeing
- Australia's international obligations
- US & Australia Civil Rights
- Pop culture in the 20<sup>th</sup> century

In Civics and Citizenship students continue to build on their understanding of the concepts of democracy, democratic values, justice, and rights and responsibilities by exploring Australia's roles and responsibilities at a global level and its international legal obligations. They inquire in to the values and practices that enable a resilient democracy to be sustained. Students also investigate the evolution and impact of the Australian & US civil rights movements.

In Economics and Business students are introduced to the concept of economic performance and living standards while continuing to further their understanding of the concepts of making choices, interdependence, specialisation, and allocation and markets through examining contemporary issues, events and/or case studies delving into the reasons for variations in the performance of economies. They explore the nature of externalities and investigate the role of governments in managing economic performance to improve living standards. They inquire into the ways businesses can manage their workforces to improve productivity.

In Geography the concepts of place, space, environment, interconnection, sustainability and change continue to be developed as a way of thinking, through an applied focus on the management of environmental resources and the geography of human wellbeing at the full range of scales, from local to global and in a range of locations.

In History, students develop their historical skills within the context of the modern world and Australia from 1918 to the present, with an emphasis on Australia and its role in WW2.

### Academic Extension – 10HASSE

Students meeting the selection criteria will be offered extension activities in Humanities and Social Sciences in a dedicated Academic Extension class with a focus on higher order thinking skills and the innovative use of information and communications technology. A range of extension opportunities are provided in this course, including the class coordination and delivery of the annual ANZAC Day Service, inter-school Mock Trial competition, Murdoch university incursions and engagement and a range of additional state and national competitions.

Based on 2019 course costs, this course should be approximately \$36

### Career Education – 10CAE (Semester 1)

The focus of this course is building skills in students to be used in the job search process, career resilience and knowing how to recognize and access appropriate employment opportunities. Students will undertake the Employment Advantage course which is endorsed for one unit on the WA Certificate of Education (WACE). This coursework provides the latest skills, knowledge and best practice advice to give each student a thorough understanding of employer decision making practices and job search processes.

Endorsed Programs can contribute up to four unit equivalents towards the WACE completion requirement and may also contribute to the C grade achievement requirements. Successful completion of Endorsed Programs reduces the amount of 'A' grades a student requires to achieve a Certificate of Excellence on the completion of Year 12.

As part of the learning process, students are also assisted to undertake a week-long Work Experience Placement of their choice. A Work Experience Log Book and Classroom Workbook are included in the fees. Students considering Flexi Learning should enrol in this course.

Based on 2019 course costs, this course fee should be approximately \$16.25

**\*Please note that students taking this course will be required to have their own device/laptop which has MSOffice installed. All of the Assessment Tasks require the use of a laptop or notebook as does much of the course work. iPads are not suitable.**

**Career Education – 10CAEB (Semester 2)**

The focus of this course is building skills in students to be used in the job search process, career resilience and knowing how to recognize and access appropriate employment opportunities. Students will undertake the Employment Advantage course which is endorsed for one unit on the WA Certificate of Education (WACE). This coursework provides the latest skills, knowledge and best practice advice to give each student a thorough understanding of employer decision making practices and job search processes.

Endorsed Programs can contribute up to four unit equivalents towards the WACE completion requirement and may also contribute to the C grade achievement requirements. Successful completion of Endorsed Programs reduces the amount of 'A' grades a student requires to achieve a Certificate of Excellence on the completion of Year 12.

As part of the learning process, students are also assisted to undertake a week-long Work Experience Placement of their choice. A Work Experience Log Book and Classroom Workbook are included in the fees. Students considering Flexi Learning should enrol in this course.

\*Please note that students taking this course will be required to have their own device/laptop which has MSOffice installed. All of the Assessment Tasks require the use of a laptop or notebook as does much of the course work. iPads are not suitable.

**NOTE:** The content for this course will be unique and different to Semester One.

Based on 2019 course costs, this course fee should be approximately \$16.25

**Introduction to Accounting – 10ACC/10ACCB (Semester 1 and 2)**

This year-long course provides students with the basic accounting skills needed to manage the finances for a small business. It looks at the different types of business enterprises currently operating in Australia and the financial information they are required to present. The knowledge and skills gained in this course provide a good foundation for further studies in Accounting and Finance in upper school.

Based on 2019 course costs, this course should be approximately \$34

**VET Certificate II in Business Skills Set – 10VET/10VETB (Semester 1 and 2)**

This is a unique opportunity for students to begin working towards completing a recognised vocational qualification. By completing units of competency in such things as communication skills, operating business technology and using electronic mail, students can achieve a partial Certificate II in Business.

This year-long course is undertaken for two periods during both semester 1 and 2. The units of competency successfully completed during the year can be used to complete the full Certificate II in Business qualification in one year in upper school or can be used as recognised prior learning for the Certificate II in Business.

This course is run under an auspicing arrangement with Skills Strategies International, RTO: 2401.

Based on 2019 course costs, this course should be approximately \$35

## Certificate II in Skills for Work and Vocational Pathways - FSK20113

This qualification is designed for individuals who require further foundation skills development to prepare for workforce entry or vocational training pathways

This is a 1 year course.

### Minimum Entry Requirement

There is no minimum entry requirement for this course.

### How will this course help students in the future?

This course offers opportunities for students to access a pathway to employment or vocational training and it provides entry level digital literacy and employability skills.

### Units of Competency

#### Core Units

FSKDIG03

Use digital technology for routine workplace tasks

FSKLRG09

Use strategies to respond to routine workplace problems

FSKLRG11

Use routine strategies for work-related learning

FSKNUM14

Calculate with whole numbers and familiar fractions, decimals and percentages for work

FSKNUM15

Estimate, measure and calculate routine metric measurements for work

FSKOCM07

Interact effectively with others at work

FSKRDG10

Read and respond to routine workplace information

FSKWTG09

Write routine workplace texts

#### Elective Units

6 units yet to be selected

The cost of this course is \$100

## Legal Studies – 10LEG (Semester 1)

Do you like to argue? Have an opinion? Want to know your rights and how to protect them? Want to be part of a mock trial competition? Are you concerned with fairness, equality, justice? If you answered yes to any of these, Legal studies may be the course for you.

The focus of Semester 1 is on Australian law. Content includes teenagers and their rights and the interaction between law and science/technology. Current issues in Australia are examined, including cannabis and drug laws, terrorism/state surveillance and lowering the voting age.

## Legal Studies – 10LEGB (Semester 2)

Semester 2 focuses on international law and commerce. Previous topics have included the use of force in war, prisoner rights, climate change, trade and human rights. Students look at case studies of significant human rights violations.

This course is highly relevant to students considering a future career in law or commerce, those thinking about studying humanities in upper school or at university and those wanting to participate in the Mock Trial competition or debating. Students are also introduced to content in the Year 11 Politics and Law course.

Based on 2019 course costs, each of these courses should be approximately \$15.

## Languages

Languages Students learn to communicate effectively in languages and further develop their skills and understandings in English and literacy in general. They gain an understanding of other societies, the ability to interact with people and cultures other than their own, and practical skills which they can use in future social, cultural and vocational areas. We have exchange programs to France and to Takarazuka, Japan. Students from Years 9 to 11 may participate in these programs. Year 10 students must complete Semester One and Semester Two if they wish to continue with their language studies in Year 11 and 12.

### Content Structure

Year 10 French and Japanese Second Language is organised into two interrelated strands: Communicating and Understanding. Together, these strands reflect three important aspects of language learning: performance of communication, analysing various aspects of language and culture involved in communication and understanding oneself as a communicator.

### Communicating

The Communicating strand focuses on students learning to use the target language to interpret, create and exchange meaning and to use the language to communicate in different contexts. It involves learning to use the target language for a variety of purposes.

### Understanding

The Understanding strand focuses on students analysing and understanding language and culture as resources for interpreting and shaping meaning in intercultural exchange.

### French – 10FRE/10FREB (Semester 1 and 2)

Students will learn about family life and personal relationships in the modern day. They will make comparisons between daily routine in France and Australia. Students will learn about Paris, its monuments and the way of life of Parisians. They will be able to talk about environmental issues and their solutions (globally and locally) and talk about their future projects. Year 10 French as a Second Language builds on the skills, knowledge and understanding required of students to communicate in the French language developed in Year 9 and focuses on extending their oral and written communication skills and their understandings of French language and culture. Students require continued guidance and mentoring at this stage of their language learning, but work increasingly independently to analyse, reflect on and monitor their language learning and intercultural experiences. They are considering future pathways and prospects, including how the French language may feature in these.

Based on 2019 course costs, this course fee should be approximately \$8.00

### Japanese – 10JP/10JPB (Semester 1 and 2)

Year 10 Japanese Second Language builds on the skills, knowledge and understanding required of students to communicate in the Japanese language developed in Year 9 and focuses on extending their oral and written communication skills and their understandings of Japanese language and culture. Students require continued guidance and mentoring at this stage of their language learning, but work increasingly independently to analyse, reflect on and monitor their language learning and intercultural experiences. They are considering future pathways and prospects, including how the Japanese language may feature in these.

Students will continue to add to their knowledge of kanji. They will talk about making, accepting and declining invitations. They will compare country and city living. They will learn about the custom of school trips in Japan and talk about part-time work and spending money. Students will learn about describing people, talking about their home and neighbourhood and making arrangements with friends.

They will learn two forms of Verbs; Te-form and Plain form of verbs. This course is designed for students to prepare their knowledge and skill for their further study of ATAR Japanese Second Language course. Background speakers of Japanese will not be able to enrol in this course. If in doubt, please contact the Head of the Languages Learning Area.

Based on 2019 course costs, this course fee should be approximately \$8.00



## Mathematics

### Mathematics - 10MAT

Students will use ideas about number, algebra, measurement, geometry, statistics and probability and mathematical ways of representing patterns and relationships, to describe, interpret and reason about their social and physical world. Mathematics plays a key role in the development of students' numeracy and assists learning across the curriculum.

Students who perform at a reasonable standard or better in Year 9 classes normally proceed to the same pathway in Year 10. Less able students may be placed in a lower pathway in Year 10 in an attempt to find a course more suited to their capabilities. A small number of students will be offered the opportunity to attempt a pathway in Year 10 at a higher level than their Course of Study in Year 9, subject to their preparedness to bridge any missed content (eg. Excelling students in Pathway 2 may move into Pathway 1).

In general for Years 9 and 10, Pathways E, 1 and 2 maintain a common core of content but the depth of treatment widens progressively. Pathways 3 and 4 are slower-paced and do not reach the same endpoints as the higher pathways.

### Academic Extension – 10MATE

The Academic Extension class will complete all the coursework as well as engaging in extension work.

Academic Extension students will study problem solving strategies, which will be introduced and explained in class by the teacher. The strategies will be developed conceptually throughout lower school. All AE Mathematics students will be prepared to participate in the numerous competitions throughout the year. Some require time outside of class to prepare and also to complete.

In Year 10 activities may include the Mathematics Talent Quest, Have Sum Fun Competition and the Australian Mathematics Competition.

### Pathway Descriptions

**Pathway E** is the Academic Extension pathway which covers Pathway 1 and incorporates extension activities into their course work including problem solving strategies. It is a very demanding but rewarding course.

**Pathway 1** is the course that prepares students for the study of any Mathematics course in Years 11 and 12. It can incorporate some of the extension work covered in the Academic Extension course.

**Pathway 2** provides a solid grounding in the essentials of Algebra and Number, Measurement and Geometry and Statistics and Probability, for students who wish to study any ATAR courses of study but is not rigorous enough for the student of Mathematics Specialist courses in Year 11 & 12.

**Pathway 3** is slower paced than Pathway 2 but still covers a lot of the rudiments of the higher pathway. For the more successful student in this pathway, the course still offers sufficient preparation for the study of the lower stage ATAR Mathematics course in Year 11. However, most students in this pathway, if they study mathematics at all, study the General Course, Mathematics Essentials, beyond Year 10.

The total cost of all Mathematics pathways in 2019 was \$36.00.

## Science

Students investigate, understand and describe the physical, biological and technological world and value the systems and processes that support life on our planet. Science helps students to become critical thinkers who use evidence to construct conclusions.

The Australian Science Curriculum provides opportunities for students to develop an understanding of important Science concepts and processes, the practices used to develop Science knowledge, Science's contribution to our culture and society, and its application to our lives. The curriculum supports students to develop the scientific knowledge, understandings and skills to make informed decisions about local, national and global issues and to participate if they so wish, in science related careers.

Year 10 students study in one of two pathways or Academic Extension. Those who are placed in the Academic Extension class need to have performed at the highest level in all Science topics, in Year 9, and must be prepared to undertake extra enrichment work in addition to the Year 10 course work. All other students are placed in either Pathway 1 or 2 based on their performance in Year 9.

### Science – 10SCI

#### Chemical Science

In this topic, students will study the atomic structure and properties of elements and the Periodic Table. They will also do different types of calculations based on chemical reactions and reaction rates.

#### Physical Science

In this topic, students will study the description, measurement and calculation of motion, forces and their effects.

#### Biological Science

In this topic, students will cover reproduction, inheritance, change in species over time and evolution.

### Academic Extension – 10SCIE

Academic Extension students will study Genetics and Inheritance. In this unit, the students will study the history of the study genetics from Mendel and his punnet squares to the current day in epigenetics. The ethics of genetics research methods and copywriting of genetically modified organisms will be discussed as well as the impact of genetic modification on modern farming practices. Inheritable characteristics will be explored in terms of dominant and recessive genes and that will lead to an exploration of genetic disorders and their characteristics.

The cost of all Science pathways in 2019 was \$45

### Prerequisites for Year 11 Courses

#### Chemistry

Achievement of a B grade in Year 10 Chemistry.

#### Physics

Achievement of a B grade in Year 10 Physics.

#### Biological Sciences

Achievement of a B grade in Year 10 Biology.

#### Human Biology

Achievement of a B grade in Year 10 Biology.

#### Psychology

Achievement of B grades in Year 10 pathway 1 English and Year 10 Biology.

### CSI – Lab Skills – 10MSL Elective (Semester 1 and 2)

CSI Lab skills is designed to assist students in attaining skills that can be used to work in a Laboratory setting such as a medical laboratory, a forensic laboratory or any laboratory that requires the use of chemicals and/or tissue samples.

Students will be equipped with critical thinking skills, communication, analytical and practical skills required for a career in research science but equally applicable to a wide range of careers in science and beyond. This course aims to provide students with the knowledge and skills associated with day to day work in a laboratory.

This is a year-long course.

Based on 2019 course costs, this course should be approximately \$180

## 10STE – Global Citizenship and Sustainability

### WHOLE YEAR ELECTIVE

Do you want to make a difference? What is your passion? How can you use something you are passionate about to help others? ... then perhaps this is the course for you.

You will learn collaboration, communication, creativity and critical thinking skills (the “4C’s”) through project development and management, using the design thinking process. Linking to the United Nations Global Goals you will embark on a minimum of three projects throughout the year in small groups and develop local solutions for global problems. Forms of solutions that you may develop include innovations, campaigns and inventions.

It is important to realise that, unlike other courses STEM Innovation class, has a beginning but not necessarily an end. You may start a project in this class that becomes a life-long passion, or you may use the semester to see to completion a personal goal. Your assessment will be based on your progress towards understanding the design process, your reflection on your projects through a public forum (blog, podcast or YouTube channel) and the development of your capacity within the 4C’s.

This is a new course in 2020. The estimated cost of the course is \$30 per student + competition entry fees and excursion costs

## Psychology

Psychology is the scientific study of how people think, feel and act. It aims to answer important questions such as what factors influence human development. While there are other disciplines that overlap with psychology's main aim to understand humans, psychology is rigorous in its use of scientific method. This allows for systematic exploration into the complexities of human behaviour based on evidence gathered through planned investigations.

### Psychology – 10PSY (Semester 1)

This course introduces students to a breadth of knowledge focusing on the psychology of self and others. Psychological knowledge helps us understand factors relating to individuals, such as: cognition, or the way we think; biological bases of behaviour; and personality, the enduring traits that distinguish individuals. Psychological knowledge also helps us understand the way that individuals function within groups. This consists of knowledge associated with socialisation, moral development, the formation of attitudes and also how people relate and communicate. On a larger scale, psychological knowledge can help us to understand how individuals function within different contexts and how this is influenced by culture, shaping people's values, attitudes and beliefs.

Psychology is very useful, both to individuals assisting us to improve ourselves and our relationships, and to society as a whole. It can be applied to any context in which humans are involved. Through this course, students gain valuable insights and understandings into both themselves and their worlds. Methods of communication studied enhance personal communication skills, both within the field of psychology and in the context of daily life. Students also develop important research skills as they engage in the exploration and evaluation of data to illustrate how empirical procedures are used to examine phenomena such as intelligence and personality.

This course is designed to integrate the understanding of scientific principles, the acquisition of psychological knowledge and the application of both in an enjoyable and contemporary way. The study of psychology is highly relevant to further studies in the health professions; education, human resources, social sciences, sales, media and marketing and management

#### ADDITIONAL DETAILS

- Semester long course, 4 times a week. With the possibility for students to choose the subject for the entire year.
- Excursion to Murdoch University, in Semester 2 only.
- One investigation per Semester (different topics) – how to research, paraphrase, writing a report, referencing.

This is a new course in 2020. The estimated cost of the course is \$12.

### Psychology – 10PSYB (Semester 2)

This course introduces students to a breadth of knowledge focusing on the psychology of self and others. Psychological knowledge helps us understand factors relating to individuals, such as: cognition, or the way we think; biological bases of behaviour; and personality, the enduring traits that distinguish individuals. Psychological knowledge also helps us understand the way that individuals function within groups. This consists of knowledge associated with socialisation, moral development, the formation of attitudes and also how people relate and communicate. On a larger scale, psychological knowledge can help us to understand how individuals function within different contexts and how this is influenced by culture, shaping people's values, attitudes and beliefs.

Psychology is very useful, both to individuals assisting us to improve ourselves and our relationships, and to society as a whole. It can be applied to any context in which humans are involved. Through this course, students gain valuable insights and understandings into both themselves and their worlds. Methods of communication studied enhance personal communication skills, both within the field of psychology and in the context of daily life. Students also develop important research skills as they engage in the exploration and evaluation of data to illustrate how empirical procedures are used to examine phenomena such as intelligence and personality.

This course is designed to integrate the understanding of scientific principles, the acquisition of psychological knowledge and the application of both in an enjoyable and contemporary way. The study of psychology is highly relevant to further studies in the health professions; education, human resources, social sciences, sales, media and marketing and management.

#### ADDITIONAL DETAILS

- Semester long course, 4 times a week. With the possibility for students to choose the subject for the entire year.
- Excursion to Murdoch University, in Semester 2 only.
- One investigation per Semester (different topics) – how to research, paraphrase, writing a report, referencing.

**NOTE: The content for this course will be unique and different to Semester One.**

This is a new course in 2020. The estimated cost of the course is \$12.

**An additional charge of approximately \$10 will be incurred as a part of the excursion in Semester 2.**

## Technologies

### Design and Technology

#### Engineering - Technical – 10TGR (Semester 1)

During this course, students will produce complex 2D and 3D drawings using Computer Aided Drafting software. Students will produce drawings used in the core competencies in the Certificate III in Engineering. This pathway leads to the Certificate III in Engineering in Years 11 and 12. Students will produce design model using 3D printers and laser cutting.

Based on 2019 course costs, this course should be approximately \$12.50

#### Engineering - Technical – 10TGRB (Semester 2)

During this course, students will produce complex 2D and 3D drawings using Computer Aided Drafting software. Students will produce drawings used in the core competencies in the Certificate III in Engineering. This pathway leads to the Certificate III in Engineering in Years 11 and 12. Students will produce design model using 3D printers and laser cutting.

Based on 2019 course costs, this course should be approximately \$12.50

**NOTE: The content for this course will be unique and different to Semester One.**

#### Woodwork – 10WDW (Semester 1)

In this course, students will make, and appraise projects in wood and continue the development of their skills and techniques. Advanced techniques, using power tools and hand held electrical equipment will enable students to produce an excellent range of models. Lathe work for making bowls, folding seats, ladders, book racks, lamp stands and bar stools can be completed in this course.

Chairs, stools, bowls, platters and small items of furniture can be made using a variety of materials and machinery. Students should also select 10WDWB in Semester 2 as a priority, as this pathway leads to Certificate I Furnishing in Years 11 and 12.

Based on 2019 course costs, this course should be approximately \$44.50

#### Woodwork – 10WDWB (Semester 2)

In this course, students will make, and appraise projects in wood and continue the development of their skills and techniques. Advanced techniques, using power tools and hand held electrical equipment will enable students to produce an excellent range of models. Lathe work for

making bowls, folding seats, ladders, book racks, lamp stands and bar stools can be completed in this course.

During Semester Two, students will take a significant part in designing their own projects. Personal models will be encouraged. Chairs, stools, bowls, platters and small items of furniture can be made using a variety of materials and machinery. Students should also select 10WDW in Semester 1 as a priority, as this pathway leads to Certificate I Furnishing in Years 11 and 12.

Based on 2019 course costs, this course should be approximately \$44.50

#### Metalwork – 10MTW (Semester 1)

Students will use a variety of materials along with machining and fabrication processes to construct a range of student centered designs. Toolboxes, fishing tackle boxes, shelves, barbecue utensils, fishing gaffs, gidgees and letter boxes are some models to be made. This pathway leads to Certificate I in Engineering in Years 11 and 12.

Activities include casting patterns for metal moulding, aluminium casting for items used on bikes, garden tools, fishing gear and much more. Machinery will play an important part in this class. Students should also select 10MTWB as a priority, as this pathway leads to Certificate I in Engineering in Years 11 and 12.

Based on 2019 course costs, this course should be approximately \$44.50

#### Metalwork – 10MTWB (Semester 2)

Students will use a variety of materials along with machining and fabrication processes to construct a range of student centred designs. Toolboxes, fishing tackle boxes, shelves, barbecue utensils, fishing gaffs, gidgees and letter boxes are some models to be made. This pathway leads to Certificate I in Engineering in Years 11 and 12.

In Semester Two, the emphasis will be on the construction of more complex projects, or a single major project, developed from the student's own design. Activities include casting patterns for metal moulding, aluminium casting for items used on bikes, garden tools, fishing gear and much more. Machinery will play an important part in this class. Students should also select 10MTW as a priority, as this pathway leads to Certificate I in Engineering in Years 11 and 12.

Based on 2019 course costs, this course should be approximately \$44.50

### **Automotive Workshop – 10AUT (Semester 1)**

In this course, students will cover the basic maintenance of single and multi-cylinder engines, along with the procedures and maintenance necessary to keep a vehicle roadworthy. The purpose of lubrication, fuel mixture, use of appropriate spanners, along with advanced welding skills will be covered.

This pathway leads to Automotive Engineering & Technology in Years 11 and 12.

Based on 2019 course costs, this course should be approximately \$44.50

### **Automotive Workshop – 10AUTB (Semester 2)**

In this course, students will cover the basic maintenance of single and multi-cylinder engines, along with the procedures and maintenance necessary to keep a vehicle roadworthy. The purpose of lubrication, fuel mixture, use of appropriate spanners, along with advanced welding skills will be covered.

In Semester Two, students will participate in work that is more advanced than 9AUTB along with simple engine repairs and fault finding exercises. This pathway leads to Automotive Engineering & Technology in Years 11 and 12.

Based on 2019 course costs, this course should be approximately \$44.50

## Home Economics

Home Economics is a fun, hands-on subject area encompassing many life skills. Using a technology and health focus, students are encouraged to use their own initiative to solve problems while working cooperatively with others, using appropriate equipment, and managing time effectively. This is done in the contexts of foods, clothing and textiles and child care/development. The cost of the food courses includes all the food and equipment requirements. The cost of the textile courses includes the use of the sewing equipment; however, fabrics and some sewing aids will need to be provided by the students.

### Hospitality – Café Culture - 10HOSP (Semester 1)

Food plays an important part in the social life of most people and is seen as a symbol of hospitality. In Semester One, students will have the opportunity to prepare café-style foods and beverages including barista services as well as learn the fundamentals of the hospitality industry

Requirement: Students are required to bring a container to all cooking classes.

Based on 2019 course costs, this course should be approximately \$80

### Hospitality - Food for Entertaining – 10HOSPB (Semester 2)

Students will learn the principals of meal planning, focusing on the modern menu and the types of dishes that they would see when dining at restaurants. This includes preparing a variety of dishes suitable for menus, including hors d'oeuvres, entrées, main course, desserts and special occasions.

Requirement: Students are required to bring a container to all cooking classes.

Based on 2019 course costs, this course should be approximately \$80

### Food and Culture – Asian Cooking – 10ASC (Semester 1)

Students will investigate the cooking and food preparation techniques from Asian countries such as, China, Japan, Thailand and India. For each cuisine you will prepare different dishes such as, entrée, main course and dessert as well as explore the use of herbs and spices in Asian Cookery.

Requirement: Students are required to bring a container to all cooking classes.

Based on 2019 course costs, this course should be approximately \$80

### Food and Culture - World of Food – 10WOFB (Semester 2)

Students will investigate the cooking and preparation techniques from countries such as England, France, Italy, USA and Mexico. For each cuisine you will prepare dishes such as entrée, main course and dessert as well as explore how these cultures have influenced Australian food habits.

This course helps the student to appreciate and respect other cultures through the preparation, cooking and serving a variety of foods from other countries. Students will experience the tasting of many foods new to them and enjoy a range of different methods of eating the foods they prepare, in a social situation.

Requirement: Students are required to bring a container to all cooking classes.

Based on 2019 course costs, this course should be approximately \$80

### Fashion and Design – 10FAD (Semester 1)

As fashion students, you will have the opportunity to produce a visual diary of fashion illustrations, applying colour theory, elements of design and experimentation with different clothing materials. Students will produce fashion items to suit personal style and current trends. There will be a focus on fashion illustration, garment making, creating accessories and learning sewing techniques.

Requirement: Students may be expected to purchase fabric, patterns, craft and sewing supplies.

Based on 2019 course costs, this course should be approximately \$30

### Fashion and Design – 10FADB (Semester 2)

As fashion students, you will have the opportunity to produce a visual diary of fashion illustrations, applying colour theory, elements of design and experimentation with different clothing materials. Students will produce fashion items to suit personal style and current trends. There will be a focus on fashion illustration, garment making, creating accessories and learning sewing techniques.

Requirement: Students may be expected to purchase fabric, patterns, craft and sewing supplies.

**NOTE: The content for this course will be unique and different to Semester One.**

Based on 2019 course costs, this course should be approximately \$30

**Child Development – 10CFC (1 Year course)**

Students will explore the roles and responsibilities of parents and careers in helping to satisfy the needs of children. There will be a focus on practical activities such as cooking for children and craft/sewing. Students will study the development of children aged from 0-5 years. The focus will be on the role of the family, pregnancy, child nutrition, play activities and childcare options available in the community.

Requirements: Students are required to bring a container to all cooking classes. Students may be expected to purchase fabric, craft and sewing supplies.

Based on 2019 course costs, this course should be approximately \$45

**Digital Technologies**

Students apply knowledge, skills and resources in the development of practical solutions to problems. Through this process they learn to be innovative, adaptable and reflective as they select and use appropriate materials, information and systems to achieve worthwhile results.

**Software Development – 10SDV (Semester 1)**

Here's a chance to learn about the two main components that make up a computer system – hardware and software. Students will investigate the current hardware items on the market and the items that are being developed for the future. They will also be given the opportunity to dabble in software development through the creation of simple computer games using the Kudo program.

The second part of this course allows students to further enhance their skills in the development of computer games. Students will develop and test their games using software that will give particular focus to developing sprites, visual, audio and scripting elements of computer games. Students will be able to convert the idea of the game they have in their head to an actual game that they can play. The course also explores the social impact of games in our society today.

The knowledge and skills gained in this course provide a good foundation for further studies in Applied Information Technology and Certificate II in Information, Digital Media and Technology in upper school.

Based on 2019 course costs, this course should be approximately \$15

**Software Development – 10SDV (Semester 2)**

Here's a chance to learn about the two main components that make up a computer system – hardware and software. Students will investigate the current hardware items on the market and the items that are being developed for the future. They will also be given the opportunity to dabble in software development through the creation of simple computer games using the Kudo program.

The second part of this course allows students to further enhance their skills in the development of computer games. Students will develop and test their games using software that will give particular focus to developing sprites, visual, audio and scripting elements of computer games. Students will be able to convert the idea of the game they have in their head to an actual game that they can play. The course also explores the social impact of games in our society today.

The knowledge and skills gained in this course provide a good foundation for further studies in Applied Information Technology and Certificate II in Information, Digital Media and Technology in upper school.

**NOTE: The content for this course will be unique and different to Semester One.**

Based on 2019 course costs, this course should be approximately \$15